ABSTRACT

5   "Device and process for assisting air traffic controllers"

A device for an automated and evolutionary assistance to air traffic control, and able to evolve toward a fully automated system, in that said device equipping an air traffic control system comprising a computer (1)
10   programmed for receiving the aircraft flight plans (3) and Radars (4) and for elaborating and displaying (5) them to a controller operator (6) and for elaborating and displaying a time ordered list of conflicts (12) said the Controller Agenda.

This device is laid out for establishing and updating a list of conflicts,
15   said the Computer Agenda, on the basis of all the data and processing means available to the computer, for comparing, aircraft pair by aircraft pair, the Controller Agenda and the Computer Agenda, for elaborating optimal solutions to the conflicts of the Computer Agenda, for exchanging messages between the computer and the controllers (6) by means of
20   screens (5) and for elaborating and performing aircraft collision avoidances.

See figure 1.

25